

CLASSIFICATION

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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

REPORT 25X1

CD NO.

COUNTRY USSR (Ukrainian SSR)

DATE DISTR. 9 May 1955

SUBJECT Almaznoye Synthetic Rubber and Tire Plant near
Kadiyevka

NO. OF PAGES 8

PLACE
ACQUIREDNO. OF ENCLS. 25X1
(LISTED BELOW)DATE OF
INFO.SUPPLEMENT TO
REPORT NO.

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CLASSIFICATION <u>CONFIDENTIAL</u>	
COUNTRY <u>USSR</u>	REPORT <u></u>
TOPIC <u>Almasnoye Synthetic Rubber and Tire Plant near Kadiyevka, Ukraine</u>	
EVALUATION <u></u>	PLACE OBTAINED <u></u> 25X1
DATE OF CONTENT <u></u>	25X1
DATE OBTAINED <u></u>	DATE PREPARED <u>16 February 1955</u>
REFERENCES <u></u>	
PAGES <u>3</u>	ENCLOSURES (NO. & TYPE) <u>2 - two sketches on ditto, with legends</u>
REMARKS <u></u>	
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1. The plant in question was usually called Almasnoye Rubberplant the Russians called it Resinstroy Buna Plant. The plant was located some 5 km northeast of Almasnoye (48°31'N/38°35'E) at the Almasnoye - Kadiyevka highway. a double-track railroad line passed the plant to the north, while the highway ran south of it.

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A single-track line to Bryanka (48°30'N/38°40'E) branched off some 100 meters to the east. The plant was located about 9-10 km from Kadiyevka (48°34'N/38°40'E), and about 7-8 km from Maximovka. The latter locality was connected with Almasnoye by a highway equipped with a streetcar line. A high voltage line from a power station located some 4 km east of the plant and west of Kadiyevka passed the plant to the north. Kadiyevka is said to be located some 150 km from Stalingo (48°00'N/37°48'E) and some 60 km from Voroshilovgrad (48°34'N/39°20'E).

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2. the plant was built in the twenties, modernized during the war and enlarged in the postwar time. the plant was newly constructed in the fall of 1947 and was designed to accommodate the synthetic rubber installations of the Merseburg Leuna Works, which were dismantled and shipped to Moscow in 1946/47. Construction work was not yet completed in August 1950, but in 1952/53 the plant was in operation.

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3. The plant covered an area about 900 to 1,000 x 600 to 800 meters square. There were two entrances. The whole installation included: a large workshop housing the synthesis department equipped with several contact furnaces, 4 vertical cylindrical containers (two of them were about 10 meters high and 5.5 meters in diameter, the

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other two about 4-5 meters high and 4 meters in diameter), and one horizontal cylindrical container (about 28 meters long and 1.5 meters in diameter); a smaller workshop with a furnace equipment for intermediates and admixtures (calcium carbide, acetylen, lamp-black); another smaller workshop equipped with kneading, mixing and rolling mills and a vulcanizing plant, designed for synthetic rubber processing (tire department); a mechanical workshop and repair shop equipped with two lathes, two planing and milling machines, a die and a punching machine, two boring machines and a variety of workbenches and autogenous welding units; two storage sheds for the storage of raw materials, semi-finished and finished products, machinery and tools; an administration building; an economics department; a garage accomodating about 80-100 trucks; and a transformer station.

Most of the workshops were connected to the factory railroad net. Several provisional wooden buildings used for the storage of construction materials (cement, lime, gypsum, and bricks) and for the assembly of constructional parts had been erected but were tore down after completion of the construction program. It could not be ascertained whether a sawmill, in operation during the construction period, was still in use or not.

Grated machinery piled up during the constructional period was labelled "Leuna Werke". The following items were observed: 15 cylindrical containers about 6 meters long and 2 meters in diameter, various filtering units about 2 meters high, 60-70 devices presumably kneading and mixing machines [redacted] 25X1
[redacted] about 80 so-called "Gasbrennerwanne" (sic), numerous pipes and pipe sections, about 30x500 h.p. Siemens-Schuckert electrical motors, 50 smaller 5-10 h.p. motors, some 12 transformers, various conveyer belts, and 100 large milling machines manufactured by Hartmann & Co. 2

4. There were rumors that tires were to be produced in addition to synthetic rubber. Production of intermediate products and additives was to be started in 1949, the rubber synthesis proper was to be started in 1950. Subsequently tires were to be manufactured. By September 1949, none of the different departments was in operation.

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By mid-1953, a daily average of 20-30 truck loads of buna (raw synthetic rubber and semi-finished products) were dispatched from the plant. This fact indicates that only part of the products were further processed at the plant itself.

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5. Power was supplied by the power plant located west of Kadiyevka. Additional power was probably supplied by a Moximovka power plant. A high tension line suspended on some 30 towers led from the power plant to the rubber factory. Details on the water supply were not available. Raw materials allegedly came from the Sverdlovsk area. No details about the materials involved were available. Presumably coal dust, lime, calcium carbide and lamp black were involved.
6. During the early production period, one Chesnikov (fnu) was manager of the enterprise, engineer Balyev (fnu) was the technical manager. Work was done in three shifts including Sundays and holidays. The labor force per shift was estimated to be between 1,200 and 1,500 persons including 30-40 percent females.
7. The factory area was surrounded by a double mesh wire fence topped with barbed wire. Guards were observed at the entrances only. The factory police was said to consist of armed civilians. No checking of the laborers was observed. It could not be ascertained whether air-defense protection measures were taken or if a fire brigade existed.

1. Comment. For location sketch of the plant, see Annex 1

2. Comment. For layout plan of the plant, see Annex 2.

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Annex 1

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Location Sketch of the Almasnoye Synthetic Rubber Plant

Legend:

- 1 - Synthetic rubber and tire plant
- 2 - Shunting station
- 3 - Dairy and cold storage facilities
- 4 - Observation tower and ammunition depot
- 5 - High voltage line
- 6 - Almasnoye -Kadiyevka highway.
- 7 - Streetcar line or tracks for industrial purposes
- 8 - Almasnoye-Maximovka highway
- 9 - Streetcar line

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Annex 2

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Layout Sketch of the Almasnoye Synthetic Rubber Plant.Legend.

- 1 - Main workshop (synthesis department), equipped with contact furnaces, 1 horizontal container 28 meters long and 1.5 meter in diameter (not entered in the sketch)
 - 1a - 2 vertical tanks 10 meters high and 5.5 meters in diameters
2 vertical tanks 4-5 meters high and 4 meters in diameter
- 2 - Workshop (calcium carbide and lamp black department), equipped with 15 tanks 6 meters long and 2 meters in diameter
- 3 - Workshop (tire department) equipped with kneading, mixing, and rolling machines (60 kneading and mixing mills, tire manufacturing equipment, vulcanizing outfit)
- 4 - Mechanical workshop and repair shop equipped with 2 lathes, 2 planing and milling machines, 1 punching and cutting unit, 2 boring machines, workbenches and various autogenic welding units.
- 5 - 2 storage sheds for the storage of raw materials, semifinished and finished products, machinery and tools.
- 6 - Transformer station
- 7 - Sawmill
- 8 - Garage accomodating 80-100 trucks
- 9 - Administration building
- 10 - Economics buildings
- 11 - Guard house
- 12 - Presumably boiler house
- 13 - Coal dump
- 14 - Unloading point and dumping ground
- 15 - Shunting station
- 16 - Spur track
- 17 - Almasnoye - Kadiyevka railroad line
- 18 - Railroad line to Bryanka
- 19 - Almasnoye - Kadiyevak highway
- 20 - Streetcar line or track for industrial purposes
- 21 - High voltage line

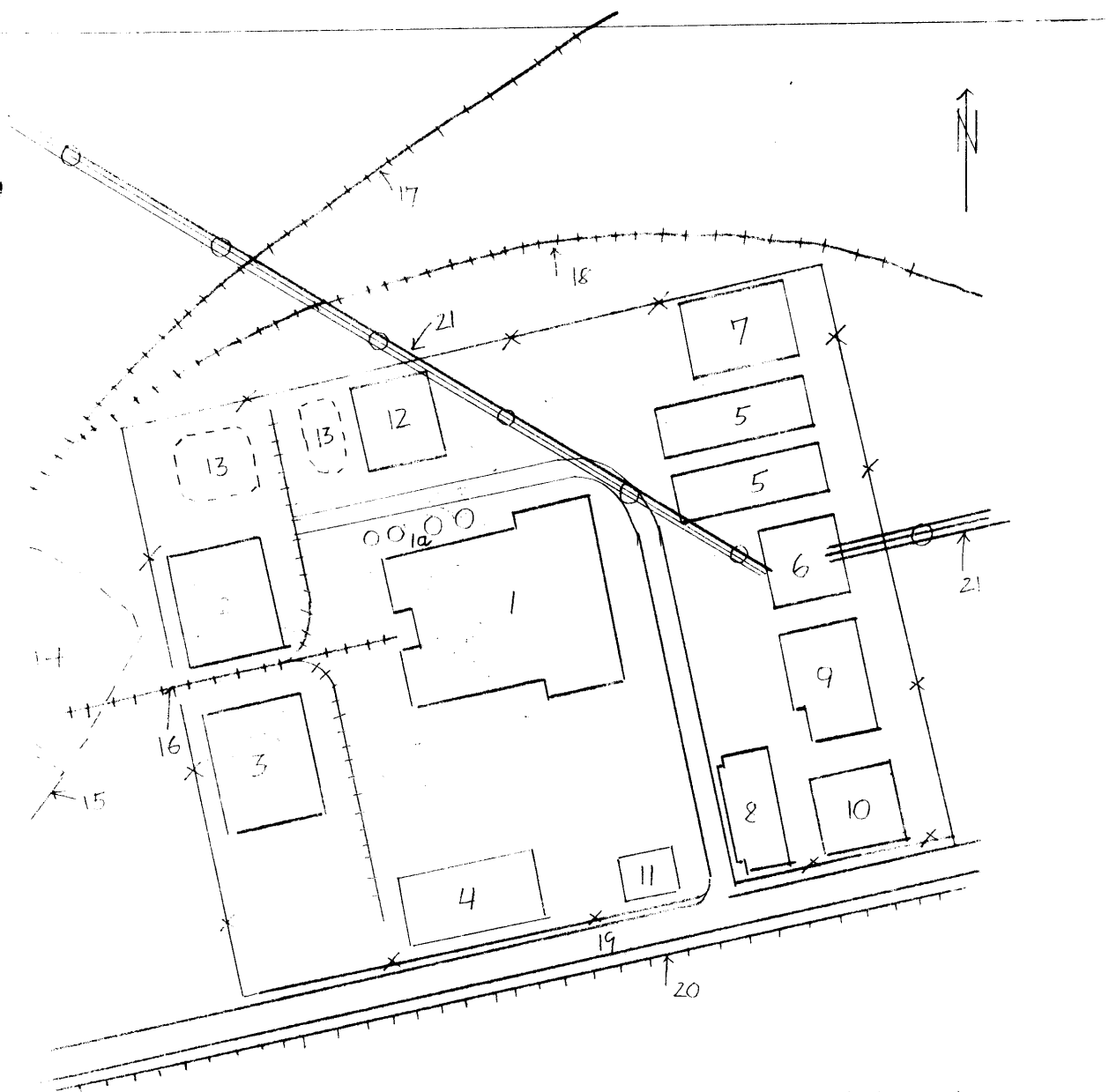
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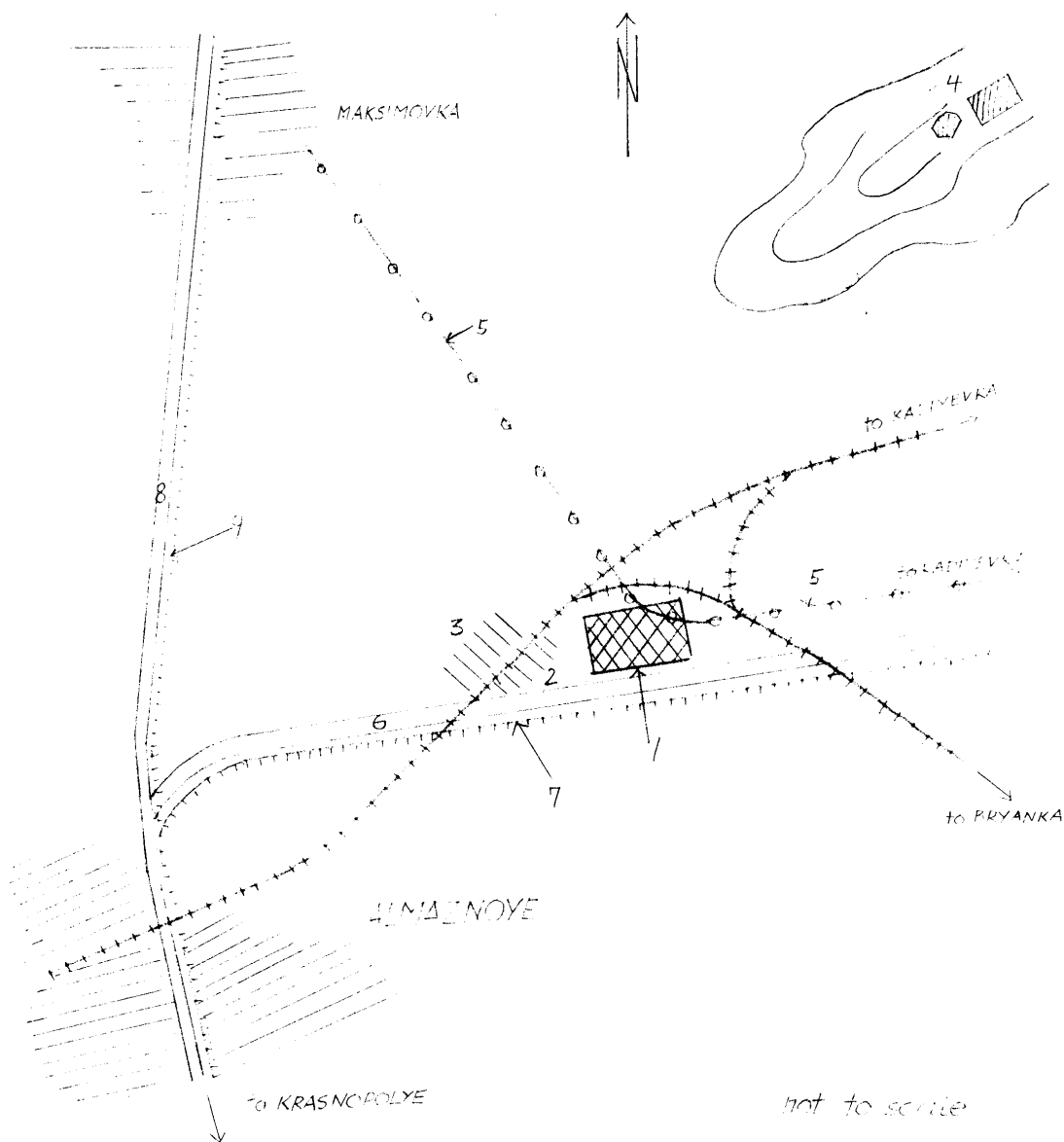
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Annex 1

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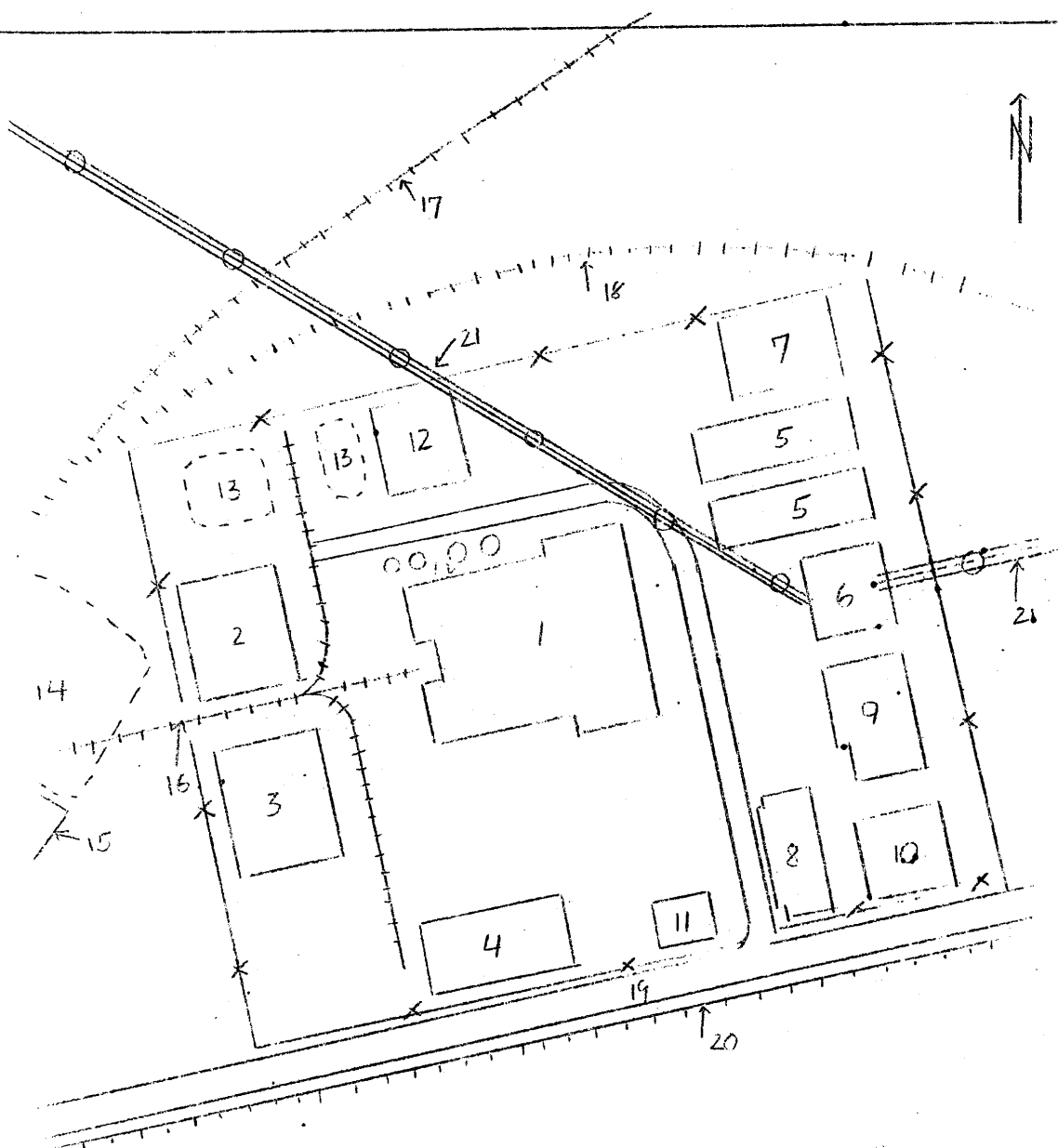
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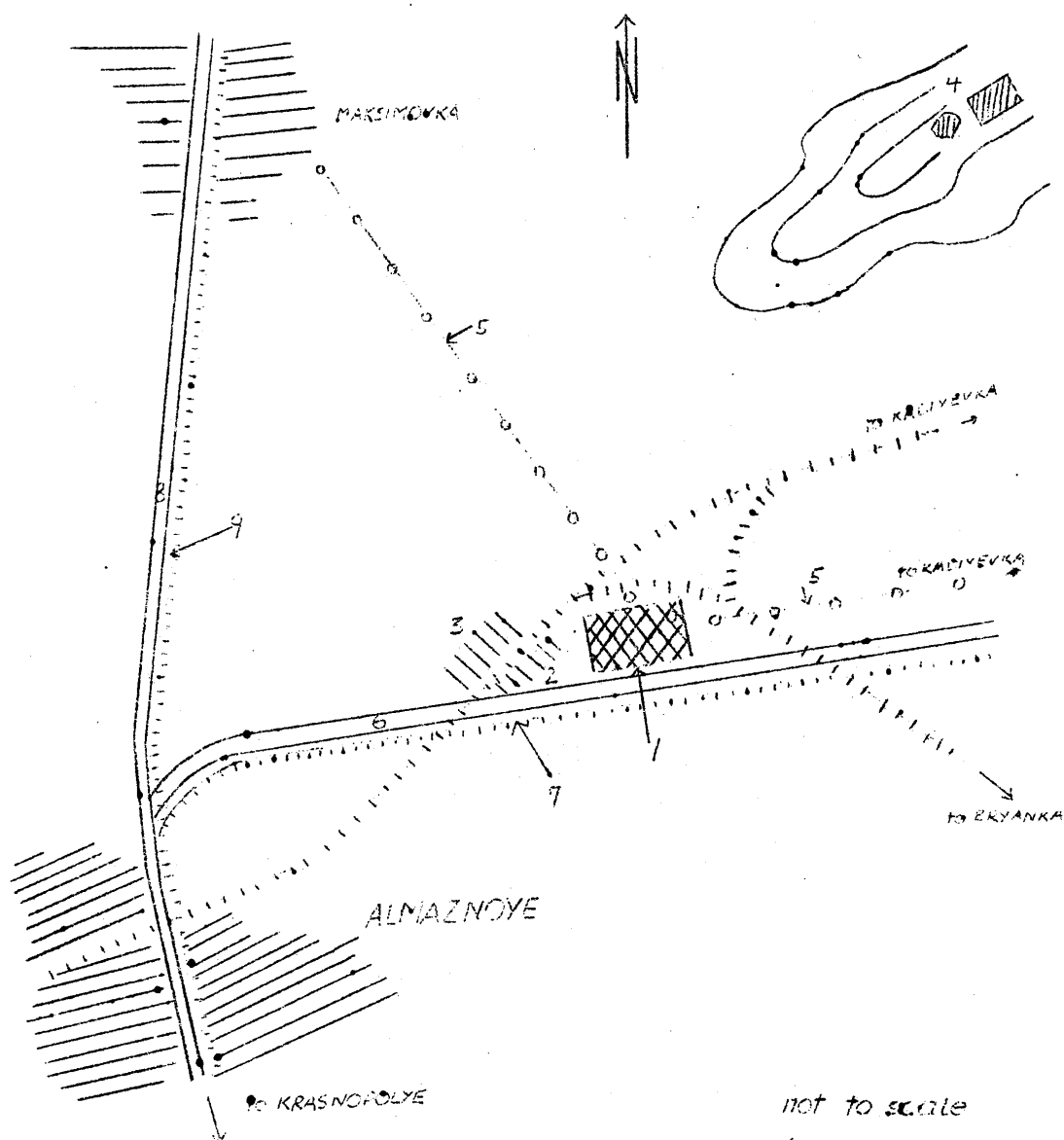


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